

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009480.D
 Acq On : 08 Jul 2022 14:10
 Operator : KP/MD
 Sample : VY0708SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2022
 Supervised By :Semsettin Yesilyurt 07/18/2022

Quant Time: Jul 11 02:14:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	158351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	215983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53121	47.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.540%		
35) Dibromofluoromethane	7.715	113	55967	42.186	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.380%		
50) Toluene-d8	10.172	98	169936	46.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	92.160%		
62) 4-Bromofluorobenzene	12.477	95	80985	43.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	86.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21938	18.066	ug/l	99
3) Chloromethane	2.113	50	19903	14.677	ug/l	95
4) Vinyl Chloride	2.253	62	26860	17.397	ug/l	97
5) Bromomethane	2.637	94	19783	17.835	ug/l	98
6) Chloroethane	2.789	64	16687	18.512	ug/l	96
7) Trichlorofluoromethane	3.125	101	42085	20.416	ug/l	91
8) Diethyl Ether	3.533	74	14488	18.371	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	26077	18.671	ug/l	96
10) Methyl Iodide	4.082	142	25140	16.443	ug/l	89
11) Tert butyl alcohol	4.935	59	34771	161.342	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	22819	17.615	ug/l #	78
13) Acrolein	3.728	56	6268	74.222	ug/l	96
14) Allyl chloride	4.478	41	41658	18.691	ug/l	96
15) Acrylonitrile	5.167	53	42228	97.312	ug/l	100
16) Acetone	3.948	43	34002	88.268	ug/l	91
17) Carbon Disulfide	4.186	76	54757	16.017	ug/l	100
18) Methyl Acetate	4.472	43	28240	24.968	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	74799	19.078	ug/l	95
20) Methylene Chloride	4.716	84	35710	16.403	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	27174	17.903	ug/l	90
22) Diisopropyl ether	6.124	45	96339	20.332	ug/l	90
23) Vinyl Acetate	6.057	43	289095	87.005	ug/l	97
24) 1,1-Dichloroethane	6.015	63	52078	19.489	ug/l	97
25) 2-Butanone	6.984	43	59887	96.103	ug/l	97
26) 2,2-Dichloropropane	6.978	77	48951	18.587	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	33391	18.686	ug/l	91
28) Bromochloromethane	7.325	49	22073	19.654	ug/l #	91
29) Tetrahydrofuran	7.344	42	39588	98.221	ug/l	95
30) Chloroform	7.502	83	55053	18.825	ug/l	97
31) Cyclohexane	7.776	56	43700	16.821	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	48754	18.909	ug/l	98
36) 1,1-Dichloropropene	7.911	75	38876	17.999	ug/l	97
37) Ethyl Acetate	7.075	43	26714	19.732	ug/l	98
38) Carbon Tetrachloride	7.898	117	43226	18.713	ug/l	97
39) Methylcyclohexane	9.179	83	43168	16.650	ug/l	91
40) Benzene	8.154	78	117065	18.458	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14241m	20.257	ug/l	
42) 1,2-Dichloroethane	8.234	62	36751	19.301	ug/l	95
43) Isopropyl Acetate	8.270	43	47841	18.939	ug/l #	94
44) Trichloroethene	8.935	130	35955	20.068	ug/l	96
45) 1,2-Dichloropropane	9.215	63	31132	19.396	ug/l #	87
46) Dibromomethane	9.301	93	16902	17.942	ug/l	93
47) Bromodichloromethane	9.496	83	43154	19.246	ug/l	99
48) Methyl methacrylate	9.288	41	20629	18.954	ug/l	93
49) 1,4-Dioxane	9.294	88	5072	365.595	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	134246	101.053	ug/l	94
52) Toluene	10.239	92	78242	19.359	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	44336	18.763	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	49550	18.806	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	25303	18.618	ug/l	97
56) Ethyl methacrylate	10.508	69	33046	18.315	ug/l	90
57) 1,3-Dichloropropane	10.788	76	42707	19.062	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	87609	99.395	ug/l	97
59) 2-Hexanone	10.831	43	90556	98.373	ug/l	95
60) Dibromochloromethane	10.977	129	30744	18.681	ug/l	98
61) 1,2-Dibromoethane	11.081	107	25143	19.298	ug/l	98
64) Tetrachloroethene	10.715	164	43379	24.022	ug/l	96
65) Chlorobenzene	11.514	112	78813	18.580	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	31789	19.922	ug/l	96
67) Ethyl Benzene	11.593	91	141666	19.130	ug/l	95
68) m/p-Xylenes	11.703	106	117335	40.626	ug/l	93
69) o-Xylene	12.026	106	57515	20.776	ug/l	93
70) Styrene	12.038	104	96039	20.770	ug/l	95
71) Bromoform	12.202	173	20931	20.581	ug/l #	99
73) Isopropylbenzene	12.324	105	152081	18.542	ug/l	98
74) N-amyl acetate	12.141	43	42833	18.355	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.574	83	24549	14.948	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	22700m	17.880	ug/l	
77) Bromobenzene	12.605	156	36009	18.034	ug/l	95
78) n-propylbenzene	12.666	91	182269	18.394	ug/l	97
79) 2-Chlorotoluene	12.751	91	104811	18.893	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	125397	18.291	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	10515	16.951	ug/l	89
82) 4-Chlorotoluene	12.849	91	109276	18.796	ug/l	98
83) tert-Butylbenzene	13.074	119	111914	18.349	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	126204	18.495	ug/l	95
85) sec-Butylbenzene	13.251	105	168808	18.793	ug/l	98
86) p-Isopropyltoluene	13.367	119	139138	18.582	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	74508	18.904	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	73694	18.474	ug/l	99
89) n-Butylbenzene	13.696	91	119455	17.084	ug/l	97
90) Hexachloroethane	13.958	117	26626	18.124	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	66039	18.288	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5406	18.781	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	35983	16.338	ug/l	99
94) Hexachlorobutadiene	15.104	225	20930	17.285	ug/l	97
95) Naphthalene	15.232	128	75869	16.661	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	30994	16.248	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

